

CITY OF MONROE ENGINEERING DEPARTMENT
Monthly Construction Project Status Report
October 3, 2016

1. **2014-16 SUBSTANTIALLY COMPLETED BUT OPEN CONTRACTS:**

The following contracts are completed except for either paperwork or minor items, and will be closed out when the following are completed:

- Western / Huron Water Main and Resurfacing (2014 – Salenbien Trucking & Excavating) – waivers of liens are still required before the contract can be closed, and the contractor still needs to line up a subcontractor to address a minor paving defect.
- East Third Street Resurfacing – Scott to Winchester (2015 – Cadillac Asphalt) – all work is completed, and we are continuing to work with MDOT and the contractor on completing all required paperwork.
- Exeter Township Water Main Loops (2015 – Salenbien Trucking & Excavating) – all work is completed, though a final waiver from Frontier Cable for damage to their lines is still needed for closeout.
- 2015 Water Main Replacement Program (2015 – Salenbien Trucking & Excavating) – all work is completed except for the testing of the new sanitary sewer in the 900 block of First Street that was added via a change order, and final paperwork.
- Arthur Lesow Community Center Interior Renovations – Phase Three (2015 – Cross Renovation and Pulsar Electronics) – Cross Renovation has been paid off, and Pulsar is still required to complete some minor items and paperwork before they can be paid off for the fire alarm contract.
- East Third Street Resurfacing – Monroe to Scott (2016 – Florence Cement) – all work is completed. Since this is a Federal-Aid project, paperwork closeout will take several months, though we have begun this process.
- 2016 Sidewalk Replacement Program (2016 – Century Cement) – all work under the contract is completed except for some restoration work, though we are considering adding a day or two work of spot patches later this fall that have come to our attention since the contract began. Waivers of lien will also be needed for project closeout.

2. **CENTRAL FIRE STATION REPLACEMENT:**

A dedicated 20-year, 0.51 mil tax for this facility was placed on the August 2, 2016 ballot, and failed by a significant margin. A slightly revised 0.47 mil tax request has now been placed on the November 8 ballot. The Engineering Department will assist as necessary to coordinate the design process when funding is secured.

3. **SIGN INVENTORY DEVELOPMENT:**

The Michigan State University Remote Sensing and Geographic Information Systems center completed all data collection and processing for an inventory of all of the City's signs (roughly 5800 on roughly 4300 supports), and staff has completed checking the data. The Engineering and Public Services Department will assist our overall GIS consultant, GISInc, with the review of data and incorporation into our overall system, which is being migrated to a different format, within the next few months.

4. **MCCORMICK DRIVE NEW STORM SEWER INSTALLATION:**

A petition was submitted for the installation of a new storm sewer to serve nearly all homes

on McCormick Drive, and Resolution 1 in the Special Assessment process was approved at the October 20, 2014 City Council meeting. A consultant study of the entire neighborhood for storm capacity and detention options was awarded to the Spicer Group and they presented their findings to the City Council in July 2015. Per Council request, Spicer performed additional modeling for a 25-year design storm, and this was forwarded to City Council for review in February 2016. At this point, we will be proceeding with the 10-year design option, since the 25-year option does not appear to be cost-effective. Upon beginning preliminary design, it appears that a storm water pump station may be needed due to elevation challenges on the downstream section of new pipe, so we may need to enlist the assistance of a consulting firm with more specialized experience in this regard. Ideally a work session should be held with the City Council to confirm the project scope before design continues.

5. **KENTUCKY AVENUE RECONSTRUCTION AND WATER MAIN:**

Design funding for the reconstruction of the roadway between Sixth and Third and full funding for the replacement of water main between Fourth and First was approved as a part of the 2015-16 Capital Improvements Program. Survey work of the entire length has been completed already and the drawings are being cleaned up. A work session was held with City Council in November 2015 to solicit feedback on the direction of this project, including undertaking a neighborhood redevelopment study in conjunction with geometric options and the possibility of pursuing incentive funding through the state's rail safety program for closing of one or more adjacent crossings. We are also considering abandoning the roadway entirely between Third and First. While no specific direction was given from Council, the Engineering Department requested and secured \$25,000 in additional funding through the 2016-17 Capital Improvements Program for a redevelopment study that may also include roadway geometric options between Fourth and First. It should be noted that nine water main breaks have occurred since the 2015-16 project has been approved, so ideally at least the water main portion should be undertaken in fall 2016 or winter / spring 2017 if possible, and we will be working on the design as time allows. The section of roadway between Fourth and Sixth required only reconstruction of the east half and spot locations on the west half instead of the entire roadway, so this was completed as a part of the 2016 Concrete Paving Program. An additional work session with City Council to again discuss potential options is tentatively scheduled for the October 17 meeting.

6. **NORTH MONROE STREET STREETScape – ELM TO WILLOW:**

The City received a \$229,500 Federal grant through the Transportation Alternatives Program (TAP) for streetscape work including new sidewalks, street trees, and historic lighting. The contractor, Century Cement, has completed all of their work except the installation of landscaping and trees, which had to be delayed until October based on MDOT planting schedules.

7. **2016 WATER MAIN REPLACEMENT PROGRAM:**

This contract includes water main replacement in the following locations:

- Location A – Winchester Street – Third to River
- Location B – Borgess Avenue – Elm to Willow
- Location C – Lemerand Street – Monroe to Macomb

Location A is traditional open cut construction, while Locations B and C are being replaced using the "pipe bursting" process where a new line is pulled through the old line and is much less invasive. Also, the Location A work includes all of the spot curb, driveway, and sidewalk replacement, and the removal of quite a bit of unused old paved terrace area. All of these items were included in the water main contract instead of the resurfacing contract due to

staging and scheduling requirements. The contractor, Salenbien Trucking & Excavating of Dundee, has completed all work on Location B, and is completing final restoration on Location C. Location A work should be completed the week of October 3, as final one final connection, clean-up, and restoration work still needs to occur, along with some storm sewer relocation at the intersection of Front and Winchester.

8. **WINCHESTER STREET RESURFACING - THIRD TO BRIDGE:**

Funding for both the replacement of existing water mains and the resurfacing of the roadway were provided through the 2016-17 CIP. Due to the fact that the roadway is being funded partially with CDBG funding, which was not made available until late August, we included the water main and most curb replacement / driveway replacement work with the 2016 Water Main Replacement Program, and bid a separate contract for paving only to optimize scheduling and staging of the work. Bids were opened on May 18, and the City Council awarded the work to Al's Asphalt Paving of Taylor at the June 6 City Council meeting. Work is likely to commence the week of October 10 once the water main contractor completes their work. The completion date is October 15 but will have to be extended due to water main delays.

9. **DPS BUILDING ROOF REHABILITATION:**

This project was funded through the 2015-16 Capital Improvements Program, and will rehabilitate roughly a half acre of the roof at the Public Services Department building on Jones Avenue. A brief Request for Proposals for design services has been sent to three short-listed architects, and these were received, but with significant differences of opinion over the necessity of further structural analysis. We will be meeting with at least one roofing contractor to discuss the project, and will either award a design proposal to one of the architects, or may consider a design-bid contract to a roofing contractor. Due to other seasonal priorities, award may not be made until later this fall.

10. **2016 CURB REPLACEMENT AND RESURFACING PROGRAM:**

This contract includes paving / curb replacement work in the following locations:

- Location A – Cranbrook Boulevard – North Custer to Armitage and Crampton Drive – Cranbrook to 400 feet west.
- Location B – Borgess Avenue – Elm to Vine
- Location C – Maple Boulevard (east) – Linwood to Greenwood
- Location D – West Elm Avenue – CSX Railroad to Lavender
- Location E – East Front Street – I-75 to Port Avenue (spot patching)
- Location F – Munson Park Ball Diamond Parking Lot Resurfacing and drainage improvements

Locations A through C all consist of replacement of all curbs and roadway resurfacing, while Locations D and E include mostly milling and resurfacing only. Bids were opened on May 18, and a contract with Al's Asphalt Paving of Taylor was approved June 6. A change order to extend Location A to Armitage was approved at the July 18 City Council meeting, and Location F was added to the contract as a change order at the August 1 City Council meeting. Locations A through C are ready for milling and paving, which should be occurring the week of October 3. Location D work will need to be scheduled on a weekend, either October 8-9 or October 15-16 is likely. The contractor is also working on storm sewer installation work at Location F in preparation for paving the week of October 3 or 10. The completion date is October 15.

11. **CUSTER AIRPORT HANGAR AND ENTRANCE ROAD PAVING:**
A contract was let by the City this June, which was intended to include paving work around some of the “tee” hangars and the entrance road, along with City-funded work on the Munson Park Ball Diamond Parking Lot. Bids were opened June 22, and were significantly higher than the available airport funding. As a result, we recommended adding the Munson Park work to the 2016 Curb Replacement and Resurfacing Program contractor, and will re-bid the airport work in early 2017 through the MDOT bid letting system.
12. **WINCHESTER STREET BRIDGE DECK REPLACEMENT:**
Due to cost savings on the earlier three (3) projects funded by the 2009 bridge millage, a large-scale deck overlay project can be undertaken, and we will also be able to include some additional modifications such as new railings and decorative lighting similar to that recently completed on the Roessler Street Bridge. Proposals were received July 18, and a design award to Fishbeck, Thompson, Carr & Huber was approved at the August 1 City Council meeting. The kick-off meeting was held August 29, and we are planning a public workshop for October 17 where the consultant will present multiple aesthetic and functional layouts for comments. Final design will be completed by the end of 2016, with construction commencing in 2017.
13. **2016 SANITARY SEWER REHABILITATION PROGRAM:**
This contract will include sanitary sewer rehabilitation (relining) along with associated manhole rehabilitation in the following locations:
- Location A – East Noble Avenue – Michigan Avenue to Mason Run Drain
 - Location B – West Vine Street – Godfroy Avenue to Monroe Street
 - Location C – Wolverine Avenue – south of Erie Street to South Custer Road
 - Location D – East Noble Avenue – Tremont to Macomb
 - Location E – West Elm Avenue sewer to River interceptor (300/400 block)
- Bids were received on June 13, and the City Council awarded a contract to Insituform Technologies of Howell at the June 20 meeting based on the original bid for Locations A through C, with a subsequent change order issued for Location D and E work. Nearly all lining work is completed except Locations B and E, and manhole rehabilitation will occur periodically over the next month or two based on the contractor’s schedule. We have had to seek City Council at the October 3 meeting to increase the contract amount to complete work on Location B, since the pipe abruptly shifts sizes in multiple locations and custom tapers are required to complete the work. The completion date is October 15 but will need to be extended due to the custom taper manufacture lead time.
14. **CITY COUNCIL CHAMBERS RENOVATION:**
This project was funded as a part of the 2016-17 CIP, and will involve modifications to the City Council Chambers for ADA compliance and audio / visual modernization. The Engineering Department has prepared a Request for Proposals (RFP) to select an architect for design activities, and the actual construction work is expected to occur in 2017. While it was anticipated that this RFP would be advertised in late July, it is being re-worked slightly after comments from the project team that a more broad review of the City Council Chambers functionality should be undertaken. Due to the relatively small size of the project, we are soliciting proposals from three firms only. Proposals are due October 24 and we plan to recommend award at the November 7 City Council meeting.
15. **NORTH MACOMB STREET WATER MAIN / RESURFACING – ELM TO GROVE:**
The resurfacing of this roadway is expected to be our 2017 Federal Aid project, and the Water Department is expected to request funding for water main replacement in 2017 as

well. Survey work is completed, and drawing clean-up is nearing completion. As with most Federal projects, we are targeting an early 2017 bid for optimum pricing.

16. **GATEWAY BEAUTIFICATION PROGRAM:**

As a part of the 2015-16 and 2016-17 CIP, funding was set aside for comprehensive tree planting and landscaping in three locations as follows:

- Location A – South Monroe Street – Jones to Second
- Location B – North Dixie Highway – Noble to Spaulding
- Location C – Mark G. Worrell Park

Bids were opened on September 12, and the bids all exceeded the budgeted funding. In addition, there appeared to be some items of concern from the landscape architect, the Johnson Hill Land Ethics Studio of Ann Arbor, regarding the understanding of the work scope by the low bidders. We have decided to reject all bids and will be working with the landscape architect on some specification revisions for re-bidding later this fall if possible.

17. **MUNSON PARK TENNIS COURT CRACK REPAIRS:**

This work was funded through the 2016-17 CIP, and includes various forms of crack treatment for the four (4) tennis courts at Munson Park. Due to the fairly wide variety of possible options and prices, we solicited proposals instead of formal bids, and two (2) were received on August 24. The proposal from Tennis Courts Unlimited of Watervliet, Michigan was awarded by City Council at the September 6 meeting. The selected proposal includes crack repairs of all locations except under the fence lines, and re-application of new acrylic play surface. The cracks have been filled and remaining work to sand the repair areas and re-coat the courts is expected to occur either the week of October 3 or 10.

18. **2016 PAVEMENT MARKING PROGRAM:**

Each year, the City typically administers a contract to replace pavement markings within the City on our roadways as needed. Due to the relatively mild winter, many of our markings remain in good condition. Based on the relatively small project and typically high mobilization costs associated with this type of work, we will likely ask Council to add this work as necessary via a change order to this year's resurfacing contract, if the contractor is willing, since their pricing is favorable. Alternatively, we could also award a purchase order to one of the two statewide marking contractors, also following City Council approval.

19. **2016 BITUMINOUS PAVEMENT MAINTENANCE PROGRAM:**

The City will typically administer a contract each year for crack sealing and patching on bituminous (asphalt) roadways. Bids were opened on July 11, and a contract with Buck Pavement Restoration of Toledo was awarded at the July 18 City Council meeting. The contractor has completed all crack sealing work that was included in the original contract, and we are adding some other areas found during this year's annual street condition review.

Spray patching and slurry sealing will occur sometime this month in a variety of locations City-wide, along with replacement of a number of roadway patches mostly related to water main breaks and service renewals.

20. **SAINT MARY'S AVENUE STORM SEWER INSTALLATION:**

Bids were opened for this project to install a new storm sewer to serve the west side of part of the 600 block of Saint Mary's Avenue on August 24, and a contract was awarded by City Council on September 6 to Salenbien Trucking & Excavating. Work is expected to commence the week of October 3 and should take 2-3 weeks to complete. The completion date is November 18

21. **WEST SIDE FIRE STATION RENOVATIONS:**

The 2016-17 Capital Improvements Program includes \$25,000 in funding for minor repairs to the bathrooms and kitchen and replacement of some windows and roof sections at the West Side Fire Station. The Engineering Department will likely assist the Fire Department in preparation of the plans and specifications and administration of the contract if desired, and / or coordinate design work with a project architect. Work will likely occur this construction season.

22. **CITY HALL RETAINING WALL REHABILITATION / SEATING:**

The Engineering Department submitted a grant application through the Transportation Alternatives Program (TAP) administered by MDOT. This grant, if awarded, would offset City costs to repair / rehabilitate / replace the north retaining wall at City Hall that is frequently used by Lake Erie Transit (LET) patrons, and would enhance their seating and waiting options as well as replace some curbs and sidewalk in poor condition. The City and LET will jointly be responsible for the design costs in any event, and since the initial grant review indicated that the application would be stronger if more detailed designs could be provided, we are soliciting proposals from a short list of three firms only to prepare the design at this time. Proposals are due October 24 and we plan to recommend award at the November 7 City Council meeting.

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